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Product datasheet for TA339941

DCK Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-DCK antibody: synthetic peptide directed towards the middle region of human DCK. Synthetic peptide located within the following region: QLASLNGKLKDAEKPVLFFERSVYSDRYIFASNLYESECMNETEWTIYQD
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. *Note that this product is shipped as lyophilized powder to China customers.*
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	30 kDa
Gene Name:	deoxycytidine kinase
Database Link:	NP_000779 Entrez Gene 1633 Human P27707

View online »

Background: Deoxycytidine kinase (DCK) is required for the phosphorylation of several deoxyribonucleosides and their nucleoside analogs. Deficiency of DCK is associated with resistance to antiviral and anticancer chemotherapeutic agents. Conversely, increased deoxycytidine kinase activity is associated with increased activation of these compounds to cytotoxic nucleoside triphosphate derivatives. DCK is clinically important because of its relationship to drug resistance and sensitivity.Deoxycytidine kinase (DCK) is required for the phosphorylation of several deoxyribonucleosides and their nucleoside analogs. Deficiency of DCK is associated with resistance to antiviral and anticancer chemotherapeutic agents. Conversely, increased deoxycytidine kinase activity is associated with increased activation of these compounds to cytotoxic nucleoside triphosphate derivatives. DCK is clinically important because of its relationship to drug resistance and sensitivity. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

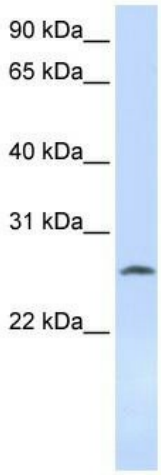
Synonyms: MGC117410; MGC138632

Note: Immunogen Sequence Homology: Pig: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Guinea pig: 100%; Bovine: 93%; Dog: 86%; Rat: 86%; Horse: 86%

Protein Families: Druggable Genome

Protein Pathways: Purine metabolism, Pyrimidine metabolism

Product images:



WB Suggested Anti-DCK Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 12500; Positive Control: 721_B cell lysateDCK is supported by BioGPS gene expression data to be expressed in 721_B